



MANUFACTURING, L.L.C.
Amphibious Hydraulic Undercarriages

WILCO Manufacturing Model 3200D Amphibious Hydraulic Excavator



Wilco Model WMB50502818CR Amphibious Hydraulic Undercarriage

Machine Transport Weight: 31,746 kg (70 ,000 lb)
Ground Pressure: 0.012 kg/sq cm (1.75 psi)
Grade ability: 60%
Travel Speed: 3.0 kph (1.7 mph)
Cat Power Train Components

Wilco Special Cat® 320D Excavator Upper

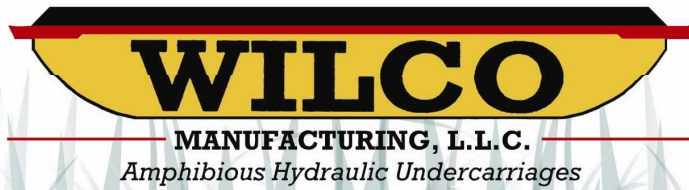
C6.4 ACERT 110 kW (148 hp) @1800 RPM
Reach boom: 10.68 m (35 feet)
1058 mm (42") wide 1.2 cu (1.5cy) GP Bucket
1040 L (275 gallon) auxiliary fuel tank
Cat Dealer Parts and Service

Authorized Dealer:

Pioneer Equipment Company

8515 Baymeadows Way, #102 Jacksonville, Florida 32256 USA
Tel: +1.904.732.2151
sales@pioneerjax.com

www.pioneerjax.com



PONTOON DIMENSIONS

1.5 m (5 feet) high X 1.5 m (5 feet) wide X 8.5 m (28 feet) long-assembled width 5.5 m (18 feet)

PONTOON CONSTRUCTION

High-strength, Low Alloy, Weathering steel plate is used in the fabrication of the Wilco pontoons. This steel had 5-8 times the atmospheric corrosion resistance and 30% more tensile strength than similar size A36 structural plate steel.

Each pontoon has 5 bulkheads, providing 6 independent, watertight compartments. The bottoms of the pontoons are reinforced for rough terrain operations.

CARBODY

Wilco Manufacturing custom designed flanged center carbody makes assembly and disassembly faster and easier.

TRACK CLEATS

Specially designed marine grade 76 mm (3 inch) wide extruded 6061 -T6 aluminum alloy cleats with 2 HDMP wear pads are capable of supporting the pontoons and excavator upper.

TRACK CHAINS

Three strands of specially designed, heavy duty, 102 mm (4 inch) pitch marsh buggy track chain are installed on each pontoon. The hardened track chain rollers run in pontoon channels lined with an abrasive resistant wear bar. The drive and idler sprockets are flame hardened to match the hardness of the track chain rollers.

DRIVE CHAINS

Engineering Class 78 mm (3.067 inch) pitch, high strength, heavy-duty, offset side bar drive chain is used to transfer power from the sealed, two stage planetary final drive gear boxes to the driven sprockets on the track chain drive sprockets.

HYDROSTATIC DRIVE

Power for the pontoon tracks is provide by the Cat 320D excavator upper's diesel engine and main hydraulic pumps through a Cat hydraulic swivel. Cat travel motor/brake combinations are mated to the sealed planetary final drives to provide independent power to each pontoon track. Standard excavator travel controls are used.

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